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DESCRIPTORS: \*Internal combustion engines,  
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mixture by the spark is dependent upon the operating  
state of the engine and upon the effective cross sec-  
tion of the spark. A statistical method is derived  
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Trans. of MT7; *Motorische Zeitschrift* (West  
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DESCRIPTORS: \*Gas turbines, \*Axial-flow turbines,  
\*Turbojet engines, \*Turbine blades, Design, Fluid  
flow, Mathematical analysis.

A new vortex distribution for axial flow turbines was  
described in the theoretical part of this report. It was  
pointed out that there aren't any losses at the design  
point due to false flow direction, even by using un-  
twisted turbine blades, because of constant relative flow  
direction over the whole height of the blades.  
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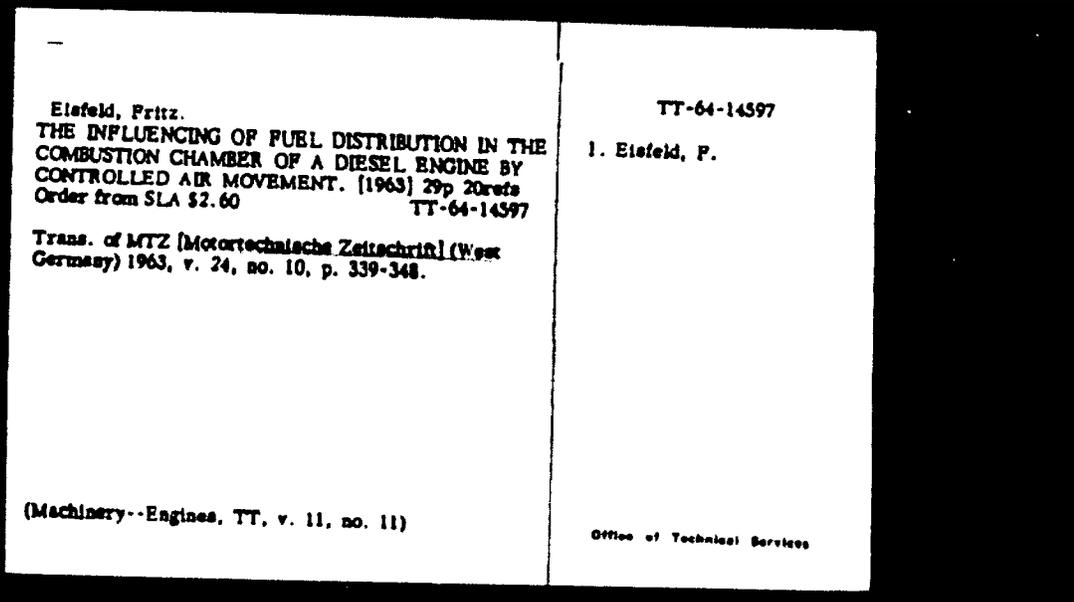
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Versammlung der Internationalen Union für  
Geodäsie und Geophysik vom 25 Juli bis 6 August  
1960 in Helsinki, No 39, Part I, Munich 1961,  
pp 47-67.

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Sci - Geophys

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Let the King Die, by Themistokles Papanissis,  
29 pp. OFFICIAL USE ONLY

JAPANESE, bk, <sup>Spain</sup> Muera el Rey, 1958, pp 53-82.

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WHEAT CONDITIONING. [1963] 6p.  
Order from SLA \$1.10

63-14978

Trans. of die Mühle (West Germany) 1955 [v. 92]  
no. 44, p. 589ff.

DESCRIPTORS: \*Wheat, \*Flour, Processing, Heat  
treatment, Steam.

(Food, TT, v. 10, no. 9)

63-14978

Office of Technical Services

Förster, G.  
SOME CONSIDERATIONS REGARDING THE DEGREE  
OF FINENESS AND THE IMPACT GRANULATION  
OF FLOURS. [1963] 15p. 15 refs.  
Order from SLA \$1.60

63-14786

Trans. of die Mühle (West Germany) 1956, v. 93,  
no. 21, p. 291-294.

DESCRIPTORS: \*Flour, Particles, Seeds, \*Starches,  
\*Proteins, Particle size, \*Cells (Biology).

(Food, TT, v. 10, no. 5)

63-14786

I. Förster, G.

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Hansen, Ernstgeorg and Florian, Georg.  
PROTEIN DISPLACEMENT IN FLOURS BY AIR  
SIFTING. [1963] 7p. 12 refs.

Order from SLA \$1.10

63-14960

Trans. of Die Mühle (West Germany) 1957, v. 94,  
no. 42, p. 539-540.

Another trans. is available from ATS \$7.00 as  
ATS-84L28G [1958] 6p.

DESCRIPTORS: \*Proteins, \*Flour, Air, Separation.

A process is described how protein displacements can  
be obtained in flour by air sifting. The flours are split  
into a protein-rich fraction and another, containing  
little protein. By varying the sifter adjustment, flour  
with a desired protein content can be obtained within  
certain limits. It is possible to employ impact granulation  
before air sifting in order to have more free protein  
available for the desired protein displacements. (Author)  
(Food, TT, v. 10, no. 6)

63-14960

- I. Title: Wind sifting
- I. Hansen, E.
- II. Florian, G.

Office of Technical Services

<p>Wignt, A. <b>ABOUT THE PRATIQUE SYSTEM (OBSERVATIONS AND EXPERIENCES). [1963] 5p.</b> Order from SLA \$1.10                      63-16485</p> <p>Trans. of die Mühle (West Germany) 1957, v. 94, no. 47, p. 67-68.</p> <p><b>DESCRIPTORS:</b> *Milling machines, Cereals, Infection, Operation, *Rolling mills.</p> <p>(Machinery, Fabrications and Accessory Equipment, TT, v. 10, no. 5)</p>	<p>63-16485</p> <p>I. Wignt, A.</p> <p>Office of Technical Services</p>
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**Protein Shifts in Flours Through Air Classification,** by E. Hansen, G. Florian, 6 pp.

**GERMAN**, per, *Die Mühle*, 1957, Vol XCIV,  
pp 539-540.

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Sci - Chem  
OBS I, 12  
Jul 59

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Contribution to the Investigation of Proteins  
of Different Cereals, by N. P. Kosmin, Opp.

GERMAN, per, die Mühle, I Vol XCV, No 12, 1958,  
pp 153-154.

SLA 63-16<sup>2</sup>40

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Jan 64

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Protein Shift in Rye Flour Through Air Classification, by E. Haussen, G. Florian, 3 pp.

GERMAN, per, Die Mühle, 1958, Vol XCV, No 21.

ATB-85L280  
AT/1087-GJ

Sci - Chem  
ONS I, 12  
Jul 59

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Nenninger, E.

AIR CLASSIFICATION OF WHEAT MILLS. Referring  
to a lecture at Jugendleiter Convention (no. 9)  
Darmstadt. [1963] [8]p.  
Order from SLA \$1.10

63-16488

63-16488

I. Title: Wind sifting

I. Nenninger, E.

II. Title: Jugendleiter

Trans. of the Mühle (N. J. G. 1959), v. 96,  
no. 17, p. 215-217.

DESCRIPTORS: \*Wheat, Material separation,  
Classification, \*Flour, Bakery products, Particle size.

(Food. TL, v. 10, no. 5)